

Primary Markets of Focus



Steel and Cement

Both the steel and cement industries present very demanding lubrication requirements. The experience and expertise of Blue Star's field support in these markets is second to none. Our line of high performance greases and lubricants is specifically engineered to address the friction, corrosion, deterioration, extreme temperatures and contamination issues that exist in these severe environments.



Glass

The taxing lubrication requirements in the glass industry include resistance to high temperatures, minimal residue formation and long lubrication intervals. Blue Star offers a range of lubricants that are optimally suited to the specific applications of this demanding field.



Tube and Pipe Mills

Blue Star offers a line of forming fluids, lubricants and rust preventives for the tube and pipe forming industry. Whether you are forming structural, mechanical or coated tubes our products optimize productivity through extended tool life and corrosion protection. Blue Star's field staff works closely with mill engineers on selection of product technology as well as program development for proper maintenance of circulating systems.



Wood Processing

The wood industry presents unique lubrication requirements. Resistance to high temperatures, low evaporation and long lubrication intervals are some of the challenges that must be faced. Blue Star offers a range of special lubricants that are optimally suited to the specific applications of the wood industry. Applications include steel belts, chains, bearings, gears and sliding elements.



Mining

Blue Star brings a wealth of lubricant application knowledge that is critical for the Mining industry. The know-how of our mining specialists coupled with a high performance line of specialized mining lubricants allows Blue Star to create customized programs for draglines, shovels and trucks.

"The great danger for most of us is not that our aim is too high and we miss it, but that it is too low and we reach it."

Michelangelo

*At Blue Star, our field personnel average nearly 20 years of industry experience. They combine hands-on, functional know-how with strategic thinking linked to your business. **Blue Star always aims high** to help customers develop and execute innovative, value-intensive solutions.*

Does your current supplier AIM AS HIGH?

Primary Markets of Focus (cont.)



Markets with Metalworking Applications and Industrial Lubrication Needs



Heavy Equipment

Agriculture and Construction

Metalworking Fluids

Blue Star offers a comprehensive line of leading edge fluid technology for a variety of metalworking applications across many industries. Our products are formulated to optimize performance and productivity of your operation while maintaining a safe work environment for operators.



Aerospace

Industrial Grease and Maintenance Lubricants

Blue Star offers a full line of greases and lubricants for nearly all industrial applications. The line includes synthetic and petroleum based products with engineered performance characteristics for lubrication challenges that range from moderate to extreme.



Automotive

OEM and Components



General Industrial

Bearings, Pumps, Compressors, Small Engines, Gears and Metal Components

BLUE STAR MISSION STATEMENT

For our customers; become the compelling supplier of choice of high performance lubricants and metalworking fluids.

For our employees; provide exceptional opportunities and rewards for achievement.

For our industry; be the most imaginative and resourceful company in the business.

Product Line Summary



BLUE STAR
Lubrication Technology

Metal Working Fluids

Product Series	Application	Description	
Blue Cool Coolants	<ul style="list-style-type: none"> • Broaching • CNC Machining • Cutting • Drilling 	<ul style="list-style-type: none"> • Grinding • Tapping • Turning 	Soluble oil, semi-synthetic and synthetic water-based products for machining and grinding. These products are highly engineered to maximize productivity and operator safety.
Star Clean Cleaners	<ul style="list-style-type: none"> • Immersion • In-process • Maintenance 	<ul style="list-style-type: none"> • Spray • Ultra filtration 	Broad spectrum of high performance cleaners that includes emulsion, alkaline, neutral pH and solvent technology to meet all cleaning requirements.
Blue Form Forming Fluids	<ul style="list-style-type: none"> • Drawing • Extruding 	<ul style="list-style-type: none"> • Forming • Stamping 	Drawing and stamping fluids that provide excellent die life, lubricity and cooling characteristics while shielding parts against corrosion.
Star Cut Straight Oils	<ul style="list-style-type: none"> • Broaching • Cutting • Drilling • Gear hobbing • Gun drilling 	<ul style="list-style-type: none"> • Screw machining • Tapping • Thread grinding • Trepanning • Turning 	Straight oil technology that offers a wide choice of products for a comprehensive range of applications and metals.
Star Guard Rust Preventives	<ul style="list-style-type: none"> • Bearings • In-process • Finished parts 	<ul style="list-style-type: none"> • Machine tools • Tube forming 	Environmentally friendly rust preventives for non-ferrous and ferrous metals. These products incorporate oil, emulsion, synthetic and solvent based technology to meet metal protection requirements in the most severe of environmental conditions.

Lubricants and Greases

Blue Star Grease	<ul style="list-style-type: none"> • Bearings • Cement industry • Construction industry • Drag lines 	<ul style="list-style-type: none"> • Fifth wheels • Off-highway • Roll mills • Universal joints 	High temperature greases thickened with complex soaps of lithium or calcium for extended service, extreme pressure and wear protection. These greases exhibit excellent mobility, shear stability and water resistance.
Blue Star Open Gear Lubricants	<ul style="list-style-type: none"> • Dipper sticks • Open gears • Racks 	<ul style="list-style-type: none"> • Rollers • Slides 	Semi-synthetic compounds for use on drag lines, shovels and slides in all environments. Designed with solid film lubricants for anti-wear and high load carrying capability.
Blue Star Gear Lubricants	<ul style="list-style-type: none"> • Bearings • Gear drives • Helical gears 	<ul style="list-style-type: none"> • Herringbone gears • Spiral bevel gears • Spur gears 	Synthetic and conventional oil based lubricants developed for high performance, friction and temperature reduction and extreme pressure protection.
Blue Star Hydraulic Fluids	<ul style="list-style-type: none"> • Circulating systems • Gear pumps • Industrial hydraulics 	<ul style="list-style-type: none"> • Mobile hydraulics • Vane pumps 	High performance hydraulic oils blended with hydro treated mineral oils for long life and general machinery lubrication.
Blue Cam Cam Lubricants	<ul style="list-style-type: none"> • Monighan Cam walking mechanisms 		Solvent and lead free compounds designed with specific solid film lubricants and additive technology for reduced wear, vibration and chatter free operations.
Blue Slide Slide Lubricants	<ul style="list-style-type: none"> • Bucyrus 2500 series draglines 		High film strength forming compounds for lubricating slide mechanisms on Bucyrus 2500 series draglines.
Blue Star Chain Lubricant	<ul style="list-style-type: none"> • Bearings • Belts • Chains • Küsters presses 	<ul style="list-style-type: none"> • Roller bars • Siempelkamp • Slide rails • Work rolls 	Synthetic ester and hydrocarbon based high temperature fluids for oven conveyor machines operating up to 275°C without forming lacquer and varnish like residues.
Blue Star Way Lubricant	<ul style="list-style-type: none"> • Chains • Roller bars • Slide rails 	<ul style="list-style-type: none"> • Slideways of machine tools • Work rolls 	Formulated for the lubrication of machine tool slides and ways operating at high speed. Designed with excellent load carrying capability and low coefficients of friction for improved machining accuracy.